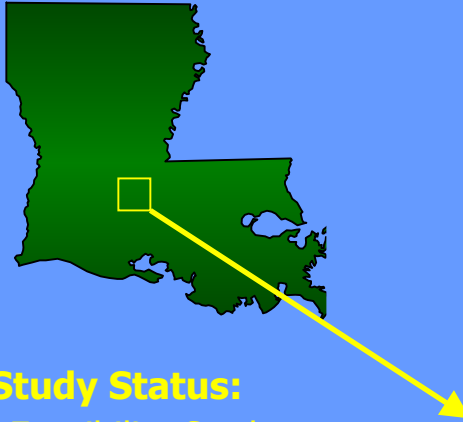
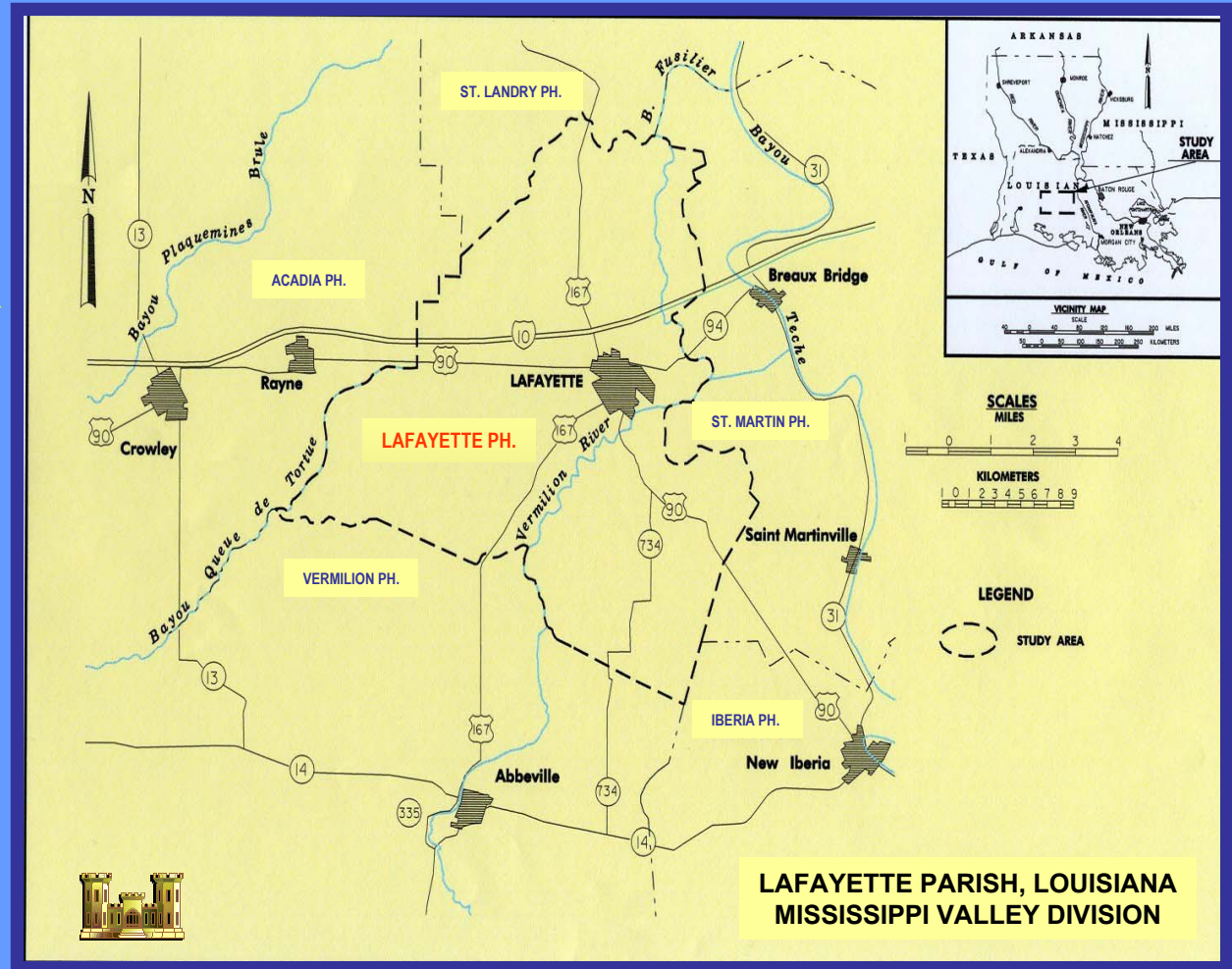


Lafayette Parish, Louisiana



- **Study Status:**
Feasibility Study
- **Study Cost:**
Recon \$ 641,000
Feas (Fed/NonFed) \$ 4,432,000
 \$5,073,000
- **FY 04 Funding Required:**
\$645,000 to initiate





Project Fact Sheet

U.S. Army Corps of Engineers
New Orleans District, MVN-PM-M
P.O. Box 94396
New Orleans, LA 70160-0267

Date: August , 2003

Lafayette Parish, Louisiana Flood Control

STUDY AUTHORITY: Acts, 22 Dec 44 and 2 Mar 45; and HR 23 Jun 64, 5 Oct 66, 3 Oct 68, and 2 Dec 70. Mermentau, Vermilion, and Calcasieu Rivers and Bayou Teche, LA. The 1994 Energy and Water Development Appropriations Act included \$400,000 to initiate a General Investigations reconnaissance study of flood control for Lafayette Parish.

STUDY SPONSORS: Louisiana Department of Transportation and Development, and the Lafayette City/Parish Consolidated Government.

STUDY LOCATION: The proposed work is located along the Vermilion River from Bayou Tortue to the Issac Verot urban watershed in Lafayette Parish.

STUDY PURPOSE: To reduce flood damages in Lafayette Parish and adjacent communities that drain to the Vermilion River. A goal of reducing the Vermilion River stage by a minimum of two-feet is anticipated to meet the Parish's needs in terms of flood protection.

STUDY FEATURES: Several dredging plans were evaluated along the Vermilion River. The most ambitious plan begins at Bayou Tortue to the north and ends at the Colee Mine Cutoff channel at the southern parish boundary (approximately 4.8 miles).

PED STUDY COSTS:

| | | | |
|---------------------------------|-------------|---------------------------------|-------------|
| Total Estimated Preconstruction | | Total Estimated Preconstruction | |
| Engineering and Design Costs | \$1,000,000 | Engineering and Design Costs | \$1,000,000 |
| Initial Federal Share | 750,000 | Ultimate Federal Share | 650,000 |
| Initial Non-Federal Share | 250,000 | Ultimate Non-Federal Share | 350,000 |

STUDY SCHEDULE: The feasibility report is scheduled to be completed February 2004.

STUDY BACKGROUND: Lafayette Parish officials requested an evaluation of flood damage reduction measures in Lafayette and St. Martin Parishes. Possible solutions include channel modifications, removal of channel obstructions, detention and retention areas, levees, pump stations, and non-structural measures. The reconnaissance report was certified on 1 November 1995. Eight structural alternatives and non-structural measures were evaluated. Two structural plans and non-structural measures for two residential areas were determined to be economically and environmentally feasible. On 25 March 1996, the Louisiana Department of Transportation and Development (DOTD) signed the FCSA. The feasibility study began in April 1996 and is currently scheduled for completion in February 2004. The fully funded feasibility cost estimate is \$4,432,000. The current direction of the feasibility study indicates that dredging plans along the Vermilion River in Lafayette Parish appear feasible. Recent analysis shows that the recommended plan, entitled, "1C-AB", will call for approximately 4.8 miles of dredging along the Vermilion River from Bayou Tortue to Coulee Mine Cutoff channel.

FY04 budgeted funds of \$645,000 are required to initiate preconstruction, engineering and design (PED).

ISSUES: None.